Bonsai core (C#)

Interface layers

Language interface:
C# ↔ Python
    ↔ R
    ↔ MATLAB

Analysis layers:
`Estimator`
`Predictor`
`Tranformer`

Machine-intelligence algorithms

Video analysis:
Motion sequencing
Behaviour decoding
Interpretable latents

Signal analysis:
Spike detection
LFP extraction
Decoding

Population analysis:
Gaussian LDS
Poisson LDS
HMM
GPFA
svGPFA
LFADS